

INFORMATION DISCLOSURE STATEMENT BY APPLICANT PTO FORM 1449	ATTY. DOCKET NO. 10517/18	SERIAL NO. Not yet assigned
	APPLICANT(s) Masayoshi IWASE, et al.	
	FILING DATE Herewith	GROUP

10859 U.S. PTO
09/665899

09/20/00

U. S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS	SUBCLASS	FILING DATE

* - If pertinent

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	ABSTRACT	
						YES	NO
<i>[Signature]</i>	58-166658	Oct. 1, 1983	JP				X
<i>[Signature]</i>	7-263003	Oct. 13, 1995	JP			X	
<i>[Signature]</i>	8-138692	May 31, 1996	JP			X	
<i>[Signature]</i>	2-155171	Jun. 14, 1990	JP			X	
<i>[Signature]</i>	1-63271	Mar. 9, 1989	JP			X	
<i>[Signature]</i>	61-256568	Nov. 14, 1986	JP			X	
<i>[Signature]</i>	56-134473	Oct. 21, 1981	JP			X	

OTHER DOCUMENTS

EXAMINER INITIAL	AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.

EXAMINER <i>[Signature]</i>	DATE CONSIDERED 6/15/00
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

PTO-1449 INFORMATION DISCLOSURE STATEMENT BY APPLICANT	ATTY. DOCKET NO. 10517/74	SERIAL NO. Not Yet Assigned
	APPLICANT - Masayoshi IWASE <i>et al</i>	
	FILING DATE Herewith	GROUP Not Yet Assigned

10517/74
 09/05/99
 09/20/00

U. S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS/SUBCLASS
<i>QM</i>	5,686,199	11/11/97	Cavalca et al.	429/30
<i>QM</i>	5,998,055	12/07/99	Kurita et al.	429/34

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS/ SUBCLASS	ABSTRACT TRANSLATION	
					YES	NO
<i>QM</i>	02062796	03-15-90	JAPAN		X	
<i>QM</i>	59100032	05-17-84	JAPAN		X	
<i>QM</i>	02090336	04-06-90	JAPAN		X	
<i>QM</i>	3-289057	12/17/91	JAPAN			X
<i>QM</i>	56126719	08-14-81	JAPAN		X	
<i>QM</i>	88103298.1	03-03-88	EUROPE			X
<i>QM</i>	10-106594	4/24/98	JAPAN			X
<i>QM</i>	07031343	01-26-95	JAPAN		X	
<i>QM</i>	8-203546	8/9/96	JAPAN		X	
<i>QM</i>	03166802	07-08-91	JAPAN		X	
<i>QM</i>	60217535	09/30/85	JAPAN		X	

EXAMINER: <i>Julian Mercal</i>	DATE CONSIDERED <i>4/5/03</i>
EXAMINER: Initial if citation is considered, whether or not citation is in conformance with M.P.E.P. 609; strike out citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

**FORM PTO-1449
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT(S)**

Atty Docket No. : 10517/74
Serial No. : 09/665,899
Inventors : M. IWASE et al.
Filed : 20 September 2000
Group Art Unit : 1735
Examiner :



U.S. PATENT DOCUMENTS

Examiner Initial	Patent Number	Patent Date	Name	Class/ Subclass	Filing Date
[Signature]	5,686,199	11/11/97	CAVALCA et al.	429/30	
[Signature]	5,998,055	12/07/99	KURITA et al.	429/34	

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dup.

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class/ Subclass	Translation Yes No
[Signature]	03-266 365	11/27/91	Japan		X
[Signature]	60-243 974	12/03/85	Japan		X
[Signature]	03-289 057	12/19/91	Japan		X
[Signature]	58-030 074	02/22/83	Japan		X
[Signature]	0-281 949	09/14/88	EPO		N/A
[Signature]	60-076 260	04/08/87	Japan		X
[Signature]	08-203 546	08/09/96	Japan		X
[Signature]	05-021 076	01/29/93	Japan		X

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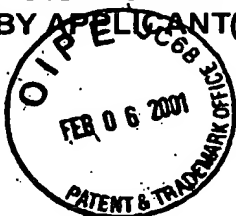
DATE CONSIDERED

4/19/02

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FORM PTO-1449
 INFORMATION DISCLOSURE
 STATEMENT BY APPLICANT(S)



Atty Docket No. : 10517/74
 Serial No. : 09/665,899
 Inventors : M. IWASE et al.
 Filed : 20 September 2000.
 Group Art Unit : 1745
 Examiner :

U.S. PATENT DOCUMENTS

Examiner Initial	Patent Number	Patent Date	Name	Class/ Subclass	Filing Date
	5,686,199	11/11/97	CAVALCA et al	429/30	
	5,998,055	12/07/99	KURITA et al	429/34	

*dup
dup.*

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class/ Subclass	Translation Yes	No
	03-266 365	11/27/91	Japan		X	
	60-243 974	12/03/85	Japan		X	
	03-289 057	12/19/91	Japan		X	
	58-030 074	02/22/83	Japan		X	
	0-281 949	09/14/88	EPO		N/A	
	62-076 260	04/08/87	Japan		X	
	08-203 546	08/09/96	Japan		X	
	05-021 076	01/29/93	Japan		X	

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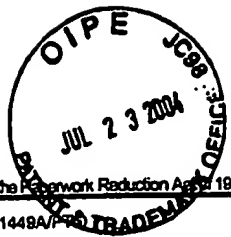
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[Signature]

DATE CONSIDERED

4/19/02

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PTO/SB/08a (08-03)

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

1

of

1

Complete if Known

Application Number	09/665,899
Filing Date	September 20, 2000
First Named Inventor	Masayoshi Iwase et al.
Art Unit	1745
Examiner Name	Julian A. Mercado
Attorney Docket Number	10517/74

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. 1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
	A	US- 5,688,199	11/11/97	Cavalca et al.	
	B	US- 5,998,055	12/07/99	Kurita et al.	
	C	US- 4,542,079	9/17/85	Takeuchi et al.	
	D	US- 4,648,091	3/10/87	McElroy	
		US-			
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FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. 1	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	English abstract
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
	E	JP 08138692	6/31/98	Yasuhiko et al.		Yes
	F	JP 08031434	2/2/96	Masayoshi et al.		Yes
	G	EP 0967075	12/29/99	Mizuno		
	H	JP 58166858	10/1/83			
	I	JP 7263003	10/13/95			
	J	JP 8138692	5/31/98			
	K	JP 2155171	8/14/90			
	L	JP 183271	3/8/89			
	M	JP 61256568	11/14/88			
	N	JP 58134473	10/21/81			

Examiner
SignatureDate
Considered

1/19/06

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT


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Sheet 1 of 1

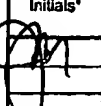
Complete if Known

Application Number 09/665,899
Filing Date September 20, 2000
First Named Inventor Masayoshi Iwase, et al.
Group Art Unit 1745
Examiner Name Julian A. Mercado
Attorney Docket Number 10517-74

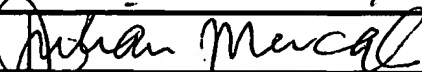
U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		US-3,801,374	4-2-1974	Daws et al.	
		US-			
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Country Code ⁴ - Number ⁵ - Kind Code ⁶ (if known)				
		JP A 7-230815	8-29-1995	Kenichiro		X(abstract)

Examiner
Signature



Date
Considered

10/25/09

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³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 1

Complete if Known

Application Number	09/865,899
Filing Date	September 20, 2000
First Named Inventor	Mayasoshi IWASE, et al.
Group Art Unit	1745
Examiner Name	Julian A. Mercado
Attorney Docket Number	10517/74

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ³ (if known)			
		US			
		US-			
		US-			
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FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁴
		Country Code ⁵ - Number ⁶ - Kind Code ³ (if known)				
		JP 08-089730	3/28/94	Yoshinori		X (abstract)
		JP 08-138896	5/31/98	Seiji		X (abstract)
		JP 60-133885	12/21/83	Kenichi		X (abstract)
		JP 05-159790	12/6/91	Isamu		X (abstract)
		WIPO 97/33331	9/12/97	Rummel		X (abstract)

Examiner Signature

Julian Mercado

Date Considered

3/4/04

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